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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/734,568	12/15/2003	Masatoshi Takeda	L8612.03110	2482
52980 7590 01/11/2010 Dickinson Wright PLLC James E. Ledbetter, Esq. International Square 1875 Eye Street, N.W., Suite 1200 Washington, DC 20006				
EXAMINER				
SIEFKE, SAMUEL P				
ART UNIT		PAPER NUMBER		
1797				
MAIL DATE		DELIVERY MODE		
01/11/2010		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Allowability

Application No.

10/734,568

Examiner

SAM P. SIEFKE

Applicant(s)

TAKEDA ET AL.

Art Unit

1797

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 2-4,6,8-10,12-14 and 44-46.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

DETAILED ACTION

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the specification page 62, line 6, delete "12"

In the specification page 62, line 15, delete "defined in claim 14"

In the specification page 62, line 20, delete "defined in claim 14"

In the specification page 63, line 3, delete "defined in claim 14"

In the specification page 63, line 9, delete "defined in claim 14"

In the specification page 63, line 19, delete "defined in claim 14"

In the specification page 64, line 1, delete "through 14"

In the specification page 64, line 8, delete "of any one of the inventions in claims 14 to 20"

In the specification page 64, line 15, delete "defined in claim 14"

In the specification page 65, line 3, delete "defined in claim 23"

In the specification page 65, line 8, delete "of any one of the inventions in claims 1 to 24"

In the specification page 65, line 16, delete "defined in claim 23"

In the specification page 66, line 6, delete "defined in claim 25 or 26"

In the specification page 66, line 13, delete "defined in claim 25 to 27"

In the specification page 66, line 2, delete "defined in claim 25 to 27"

In the specification page 67, line 5, delete "defined in claim 25 to 27"

In the specification page 67, line 14, delete "defined in claim 25 to 27"

In the specification page 68, line 4, delete "defined in claim 18"

In the specification page 68, line 11, delete "defined in claim 32 or 33"

In the specification page 69, line 12, delete "defined in claim 25 or 36"

In the specification page 70, line 3, delete "defined in claim 14"

In the specification page 70, line 15, delete "defined in claim 1 through 39"

In the specification page 70, line 24, delete "defined in claim 40"

In the specification page 71, line 7, delete "defined in claim 1 through 39"

In the specification page 71, line 16, delete "defined in claim 41"

In the specification page 71, line 25, delete "defined in claim 42"

In the specification page 72, line 7, delete "defined in claim 42"

In the specification page 72, line 15, delete "defined in claim 40"

In the specification page 73, line 5, delete "defined in claim 45"

In the specification page 73, line 11, delete "defined in claim 45"

In the specification page 73, line 17, delete "defined in claim 45"

In the specification page 73, line 23, delete "defined in claim 41 or 45"

In the specification page 74, line 5, delete "defined in claim 50"

In the specification page 75, line 3, delete "defined in claim 52"

In the specification page 111, line 6, delete "defined in claim 53"

In the specification page 111, line 18, delete "defined in claim 53 or 54"

In the specification page 112, line 25, delete "defined in claim 4"

In the specification page 113, line 3, delete "defined in claim 56"

In the specification page 113, line 8, delete "defined in claim 56 or 57"

In the specification page 114, line 22, delete "defined in claim 59"

In the specification page 115, line 3, delete "defined in claim 59"

In the specification page 115, line 9, delete "defined in claim 59 to 62"

In the specification page 115, line 19, delete "defined in claim 59 to 63"

In the specification page 116, line 2, delete "defined in claim 64"

In the specification page 116, line 10, delete "defined in claim 64"

In the specification page 116, line 20, delete "defined in claim 64 through 66"

In the specification page 117, line 1, delete "defined in claim 59 through 62"

In the specification page 117, line 10, delete "defined in claim 68"

In the specification page 117, line 17, delete "defined in claim 69"

In the specification page 117, line 25, delete "defined in claim 59 to 73"

In the specification page 118, line 10, delete "defined in claim 59 to 71"

In the specification page 118, line 17, delete "defined in claim 59 to 62"

In the specification page 118, line 24, delete "defined in claim 59 to 73"

In the specification page 119, line 6, delete "defined in claim 74"

In the specification page 119, line 18, delete "defined in claim 59 to 73"

In the specification page 119, line 23, delete "defined in claim 59 to 73"

In the specification page 120, line 11, delete "defined in claim 78"

In the specification page 120, line 17, delete "defined in claim 78"

In the specification page 121, line 1, delete "defined in claim 78 to 80"

Allowable Subject Matter

Claims 2-4, 6, 8-10, 12-14 and 44-46 allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SAM P. SIEFKE whose telephone number is (571)272-1262. The examiner can normally be reached on M-F 7:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jill A. Warden can be reached on 571-272-1700. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Samuel P Siefke/
Primary Examiner, Art Unit 1797